

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

SB714
U6 A3



United States
Department of
Agriculture

Agricultural
Marketing
Service

Volume 11,
No. 3
July-September
1983

Plant Variety Protection Office Official Journal



SEP 25 '87

RECORDS

LIBRARY

PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office
Livestock, Meat, Grain, & Seed Div., AMS
U.S. Department of Agriculture
National Agricultural Library Bldg., Rm. 500
Beltsville, Maryland 20705

CONTENTS

	PAGE
Applications Received.....	4
Applications Amended.....	5
Applications Abandoned, Withdrawn, Denied, or Ineligible.....	7
Certificates Issued.....	8
Certificates Voluntarily Abandoned.....	14
General Information.....	15

APPLICATIONS RECEIVED

JULY 1, 1983 TO SEPT. 30, 1983

Applications for protection have been filed for the following varieties, each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. Seed of these varieties may be labeled "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
BARLEY	* 8300153	Acclaim	830711	Hurst, Gunson, Cooper, Taber, U.K. (1)
	* 8300178	Rodeo	830902	Funk Seeds International, Inc. (3)
BLUEGRASS, KENTUCKY	8300166	Amazon	830803	Svalof AB, Sweden
CELERY	8300155	Bishop	830718	Moran Seeds, Inc.
	8300156	Deacon	830718	Moran Seeds, Inc.
FESCUE, HARD	8300174	Crystal	830928	Monmersteeg Intl. B.V., Neth.
FESCUE, RED	8300169	Moncorde	830829	Monmersteeg Intl. B.V., Neth.
FESCUE, TALL	* 8300154	Johnstone	830711	Univ. of Kentucky & ARS, USDA (3)
MARIGOLD	8300158	Pumpkin Crush Improved	830728	John Bodger & Sons Co.
	8300159	Papaya Crush Improved	830728	John Bodger & Sons Co.
	8300160	Pineapple Crush Improved	830728	John Bodger & Sons Co.
OKRA	8300168	Cajun Queen	830815	AgriGenetics Corporation
PEA, GARDEN	8300163	Stringless Sugar Snap II	830801	Gallatin Valley Seed Co.
	8300164	Stringless Sugar Snap	830801	Gallatin Valley Seed Co.
	8300165	Super Sugar Mel	830801	Gallatin Valley Seed Co.
	8300176	Bonito	830930	Crites-Moscow Growers, Inc.
	8300177	Span	830930	Crites-Moscow Growers, Inc.
RYEGRASS, PERENNIAL	8300167	Birdie II	830815	Pure-Seed Testing Inc.
	* 8300179	Gator	830928	International Seeds, Inc. (3)
SOYBEAN	* 8300170	Platte	830909	Univ. of Nebraska & SEA, USDA (3)
	* 8300175	Bradley	830930	Curators of the Univ. of Missouri (3)
TOMATO	8300172	<MOX 3075>	830901	Moran Seeds, Inc.
WHEAT, COMMON	* 8300161	HR 64	830728	North American Plant Breeders (3)
	* 8300162	HR 53	830728	North American Plant Breeders (3)
	* 8300173	Centa	830923	South Dakota Agric. Expt. Sta. (3)

* To be sold by variety name only as a class of certified seed.

< > Identifies temporary designation.

() No. of generations of certified seed permitted beyond breeder's seed.

APPLICATIONS AMENDED
JULY 1, 1983 TO SEPTEMBER 30, 1983

Information concerning the varieties listed below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED". During the examination process, the applicant requested this information to be amended as indicated below.

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
BARLEY	* 8000084	'Bumper'	800403	Busch Agricultural Resources, Inc. (3)
CAULIFLOWER	8200085	'White Rock'	820322	Sluis & Groot Research
CAULIFLOWER	8300003	'White Fox'	821019	Sluis & Groot Research
PEA	8300065	'Opal'	830223	Wilbur-Ellis Co.
PEA	8300114	'Frontier'	830422	Wisconsin Crop Improvement Assoc.
SOYBEAN	* 8200107	'Birch'	820420	Illinois Foundation Seeds, Inc. (2)
SOYBEAN	* 8200153	'Terra-Vig 505'	820816	Terral-Norris Seed Co. (3)

To be sold by variety name only as a class of certified seed.

Name of applicant changed from Coker's Pedigreed Seed Co. to Terral-Norris Seed Co.

* To be sold by variety name only as a class of certified seed.
() No. of generations of certified seed permitted beyond breeder's seed.

APPLICATIONS AMENDED (CONT.)
JULY 1, 1983, TO SEPTEMBER 30, 1983

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>	<u>APPL. DATE</u>	<u>NAME OF APPLICANT</u>
SOYBEAN	8300126	'Hartz 5171'	830511	Jacob Hartz Seed Co., Inc.
		Variety with temporary designation of H78-766 named 'Hartz 5171'.		
SOYBEAN	8300127	'Hartz 6383'	8300127	Jacob Hartz Seed Co., Inc.
		Variety with temporary designation of H76-587 named 'Hartz 6383'.		
SOYBEAN	8300128	'Hartz 5370'	830511	Jacob Hartz Seed Co., Inc.
		Variety with temporary designation of H78-143 named 'Hartz 5370'.		
SOYBEAN	8300129	'Hartz 7126'	830511	Jacob Hartz Seed Co., Inc.
		Variety with temporary designation of H76-672-3A named 'Hartz 7126'.		
SOYBEAN	8300130	'Hartz 5252'	830511	Jacob Hartz Seed Co., Inc.
		Variety with temporary designation of H76-502 named 'Hartz 5252'.		

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE

JULY 1, 1983, TO SEPTEMBER 30, 1983

Applications for the varieties listed below are no longer being considered for U.S. plant variety protection. Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

KIND	APPL.		VARIETY
	NO.		
BEAN, GARDEN	8100099		'Ligata'
OAT	8000056		'Moore'
RYE	8200003		'Forager'
SOYBEAN	8200117		'6782'

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1983, TO SEPTEMBER 30, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
BLUEGRASS, KENTUCKY	8200181	'Midnight'	830721	Pure-Seed Testing, Inc.
'Midnight' most closely resembles 'Glade'; however, 'Midnight' is darker bluegreen (RHS Colour Chart 133A vs 136B) and matures 4 days earlier than 'Glade'.				
BLUEGRASS, KENTUCKY	8200187	'Georgetown'	830721	Lofts Seed, Inc.
'Georgetown' most closely resembles 'Trenton'; however, 'Georgetown' has hair on the leaf sheath surface and margin whereas 'Trenton' does not.				
CAULIFLOWER	8200108	'Andes'	830721	Royal Sluis, Neth.
'Andes' is most similar to 'Dok Elgon'; however, 'Andes' has white flowers whereas 'Dok Elgon' has yellow flowers.				
CAULIFLOWER	8200109	'Cervina'	830721	Royal Sluis, Neth.
'Cervina' is most similar to 'Dok Elgon'; however, 'Cervina' harvest maturity is 10 days later than that for 'Dok Elgon' and 'Cervina' plants are 7 cm taller than 'Dok Elgon' at harvest maturity.				
COTTON	8300031	'7563'	830929	Pioneer Hi-Bred Internat'l, Inc.
'7563' most closely resembles 'Lockett 77'; however, '7563' is susceptible to bacterial blight races 1, 2, 7, and 18 whereas 'Lockett 77' is highly resistant.				
COTTON	* 8300033	'GP 5479'	830831	G & P Seed Co., Inc. (3)
'GP 5479' most closely resembles 'GP 3774' except 'GP 5479' is 7 days earlier in maturity and 13 cm shorter than 'GP 3774'.				

* To be sold by variety name only as a class of certified seed.
 () No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT.)
JULY 1, 1983, TO SEPTEMBER 30, 1983

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER
COTTON	8300034	'Casco C-13'	830929	Custom Ag Service Inc.
'Casco C-13' most closely resembles 'Casco Br-1'; however, 'Casco C-13' has fewer nodes to the first fruiting branch (5.33 vs 7.13) and has shorter stems from the cotyledonary node to the first fruiting branch (11.96 vs 14.61 cm) than does 'Casco Br-1'. 'Casco C-13' is also more storm resistant than 'Casco Br-1'. 'Casco C-13' has normal length fruiting branches whereas 'Casco Br-1' has short fruiting branches.				
COTTON	8300078	'Coker 500'	830831	Coker's Pedigreed Seed Co.
'Coker 500' most closely resembles 'Coker 4360' except 'Coker 500' has greater fiber strength (28.5 vs 24.9 g/tex) and length (1.04 vs 0.98 inch) than 'Coker 4360'.				
COTTON	* 8300082	'Coker 208'	830929	Coker's Pedigreed Seed Co. (3)
'Coker 208' most closely resembles 'Coker 201' except 'Coker 208' has shorter fibers (1.11 vs 1.15 inches) and coarser fibers (4.50 vs 4.25 micronaire) than 'Coker 201'.				
COTTON	* 8300108	'GP 1005'	830831	G & P Seed Co., Inc. (3)
'GP 1005' most closely resembles 'GP3774' except 'GP 1005' is 18 cm shorter and has a stronger fiber (22.38 vs 20.63 g/tex) than 'GP 3774'.				
COTTON	8300112	'Deltapine NSL'	830831	Delta and Pine Land Co.
'Deltapine NSL' most nearly resembles 'Deltapine 61'; however, 'Deltapine NSL' is nectariless whereas 'Deltapine 61' is nectaried.				
FESTULOLIUM	8200185	'Tandem'	830721	Van Der Have B.V., Neth.
'Tandem' differs from the only other varieties of <u>Festulolium braunii</u> , 'Elmet' and 'Prior', in having a greater winterhardness and persistence.				

* To be sold by variety name only as a class of certified seed.
() No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT.)

JULY 1, 1983, TO SEPTEMBER 30, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
LAURISIAGRASS	* 8300149	'Cowboy'	830831	G. E. Pogue Seed Co., Inc. (3)
		'Cowboy' differs from other <u>Pennisetum orientale</u> plants in having a bulbous base on the stems. The mature heads of 'Cowboy' are manila colored while the seed heads of other <u>Pennisetum orientale</u> are white, purplish, or light brown.		
LETTUCE	8100172	'Van Mor'	830929	Moran Seeds, Inc.
		'Van Mor' is most similar to 'Moranguard'; however, 'Van Mor' is 4-6 days earlier from seeding to harvest maturity than 'Moranguard'. Also, the frame diameter of 'Van Mor' is 2.3 cm less than that of 'Moranguard' and 'Van Mor' is more yellow-green than 'Moranguard' (RHS Colour Chart 146C vs 146A).		
MUSKMELON	8200138	'Musketeer'	830721	Goldsmith Seeds, Inc.
		'Musketeer' is most similar to 'Minnesota 266'; however, 'Musketeer' fruits have bright orange flesh and yellow-green rind whereas 'Minnesota 266' fruits have pale orange flesh and green rind. Color chart readings from "Munsell Limit Color Cascade" are as follows: (1) 'Musketeer' flesh 31.6 vs 31.4 for 'Minnesota 266' and (2) 'Musketeer' rind 24-2 vs 21-2 for 'Minnesota 266'.		
PEA	8200147	'Sweet Snap'	830929	Musser Seed Co., Inc.
		'Sweet Snap' is most similar to 'Sugar Snap'; however, 'Sweet Snap' plants are 40 cm shorter than 'Sugar Snap' plants.		
PEPPER	8100057	'Merced'	830929	Ferry-Morse Seed Co.
		'Merced' most closely resembles 'Yolo Wonder Improved B'; however, 'Merced' matures its fruits 10 days earlier than 'Yolo Wonder Improved B'.		

* To be sold by variety name only as a class of certified seed.
() No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT).

JULY 1, 1983, TO SEPTEMBER 30, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
SOYBEAN	8200100	'90210-30266'	830831	Midwest Oilseeds, Inc.
'90210-30266' is most similar to 'Corsoy'; however, '90210-30266' has white flowers and is resistant to race 1 of <u>Phytophthora megasperma</u> whereas 'Corsoy' has purple flowers and is susceptible to race 1 of <u>Phytophthora megasperma</u> .				
SOYBEAN	* 8200107	'Birch'	830929	Illinois Foundation Seeds, Inc. (2)
'Birch' is most similar to 'Amsoy 71'; however, 'Birch' has brown pods whereas 'Amsoy 71' has tan pods.				
SOYBEAN	* 8200123	'DSR-320'	830929	Dairyland Seed Co., Inc. (2)
'DSR-320' is most similar to 'DSR-207'; however, 'DSR-320' has a light buff hilum and gray pubescence whereas 'DSR-207' has a brown hilum and brown pubescence.				
SOYBEAN	* 8200125	'DSR-352'	830929	Dairyland Seed Co., Inc. (2)
'DSR-352' is most similar to 'Capital'; however, 'DSR-352' has a gray hilum whereas 'Capital' has a tan hilum.				
SOYBEAN	8200133	'L4204'	830831	Land O'Lakes, Inc.
'L4204' is most similar to 'Dixon'; however, 'L4204' has white flowers whereas 'Dixon' has purple flowers.				
SOYBEAN	8200134	'L4207'	830721	Land O'Lakes, Inc.
'L4207' is most similar to 'Beeson'; however, 'L4207' has white flowers, yellow hila, and tawny pubescence whereas 'Beeson' has purple flowers, imperfect black hila, and gray pubescence.				

* To be sold by variety name only as a class of certified seed.
() No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT.)

JULY 1, 1983, TO SEPTEMBER 30, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
SOYBEAN	* 8200140	'Coker 368'	830831	Coker's Pedigreed Seed Co. (3)
		'Coker 368' is most similar to 'Foster'; however, 'Coker 368' has white flowers whereas 'Foster' has purple flowers.		
SOYBEAN	8200144	'1282'	830831	Pioneer Hi-Bred Internat'l, Inc.
		'1282' is most similar to 'Hodgson 78'; however, '1282' seed coats have a low protein peroxidase activity whereas 'Hodgson 78' seed coats have a high peroxidase activity.		
SOYBEAN	* 8200153	'Terra-Vig 505'	830929	Terral-Norris Seed Co. (3)
		'Terra-Vig 505' is most similar to 'Forrest'; however, 'Terra-Vig 505' is susceptible to Cyst Nematode, races 1 and 3 whereas 'Forrest' is resistant. 'Terra-Vig 505' has gray hila and purple flowers whereas 'Forrest' has black hila and white flowers.		
SOYBEAN	8200160	'RA-502'	830831	Zoecon Corporation
		'RA-502' most closely resembles 'RA-527'; however, 'RA-502' is resistant to race 4 of soybean cyst nematode whereas 'RA-527' is susceptible.		
TOBACCO	* 8300056	'Coker 176'	830929	Coker's Pedigreed Seed Co. (3)
		'Coker 176' most closely resembles 'Coker 319'. 'Coker 176' is resistant to tobacco mosaic virus and common southern root-knot nematode whereas 'Coker 319' is susceptible.		
WATERMELON	8200189	'Bush Jubilee'	830721	Musser Seed Co., Inc.
		'Bush Jubilee' is most similar to 'Jubilee'; however, vines of 'Bush Jubilee' are dwarf, averaging 0.8-1.2 m in diameter of spread whereas vines of 'Jubilee' are normal, averaging 3.7-4.6 m in diameter.		

* To be sold by variety name only as a class of certified seed.
() No. of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT).
JULY 1, 1983, TO SEPTEMBER 30, 1983

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
WATERMELON	8200190	'Bush Charleston Gray'	830721	Musser Seed Co., Inc.

'Bush Charleston Gray' is most similar to 'Charleston Gray 133'; however, vines of 'Charleston Gray 133' are large with a 3.7-4.6 m spread whereas vines of 'Bush Charleston Gray' are dwarf with a 0.9-1.2 m spread.

CERTIFICATES VOLUNTARILY ABANDONED
JULY 1, 1983, TO SEPTEMBER 30, 1983

In compliance with section 180.104(d) of the Plant Variety Protection Act, certificates of plant variety protection for the varieties listed below are voluntarily abandoned by request of the owner. Propagation of these varieties is no longer prohibited by the Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>CERTIFICATE NUMBER</u>	<u>VARIETY</u>	<u>DATE OF ABANDONMENT</u>
SOYBEAN	8000059	RA-701	830831
SOYBEAN	8100141	RA-800	830831

GENERAL INFORMATION

Protectability of Inbred Lines

Inbred lines, as other varieties, are protectable under the Plant Variety Protection Act provided that they or their commercial hybrids have not been sold more than 1 year prior to application for protection. The sale of a hybrid is considered to be a commercial use of the parent inbreds, thus making them public varieties.

Plant Variety Protection Advisory Board Meeting

The Plant Variety Protection Advisory (Board) Board met on September 23, 1983, and passed three resolutions recommending the following:

- (1) Individual plant variety protection fees for application, search, issuance, and other services be adjusted to more nearly reflect the cost involved with each individual fee, but to not raise the overall fee for obtaining a certificate of protection.
- (2) The Commissioner reexamine two certificates giving more consideration to the pedigree of the varieties involved.
- (3) A panel of three members be empowered to act for the Board in making a recommended decision on an appeal of the Commissioner's decision.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MARYLAND 20705

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300.



POSTAGE & FEES PAID
United States Department of Agriculture
AGR 101

THIRD CLASS